

C. E. TOMLINSON.

FEED BAG.

APPLICATION FILED JUNE 23, 1909.

980,026.

Patented Dec. 27, 1910.

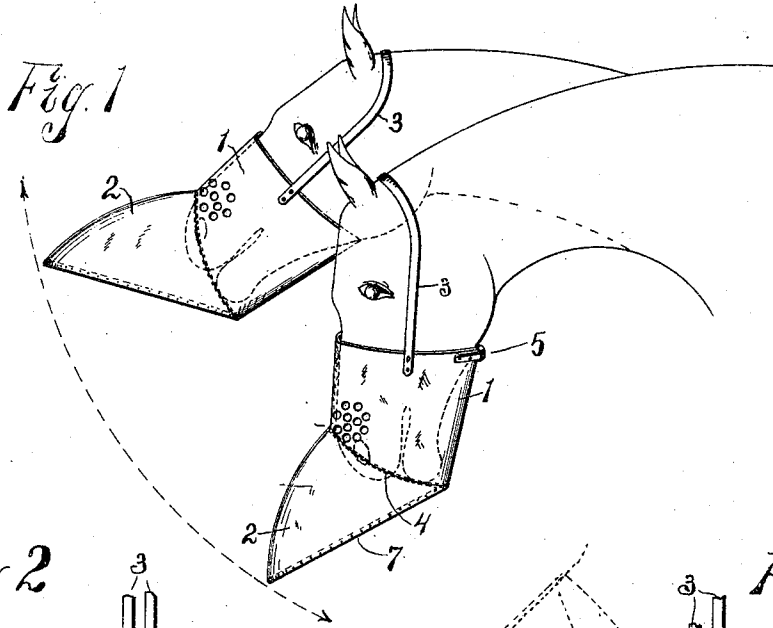


Fig. 2

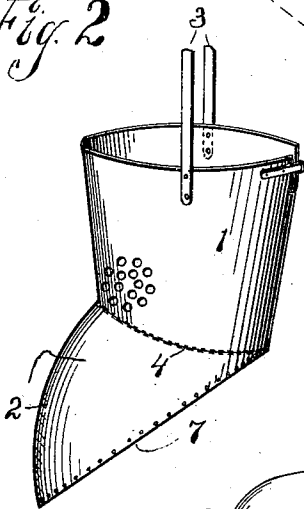


Fig. 3

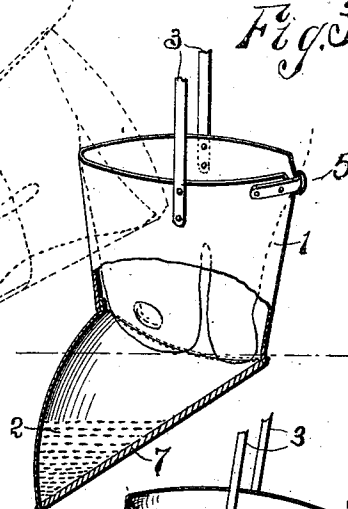


Fig. 4

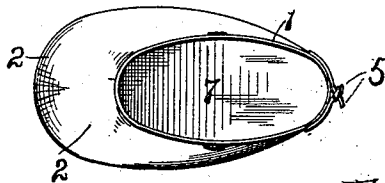


Fig. 6

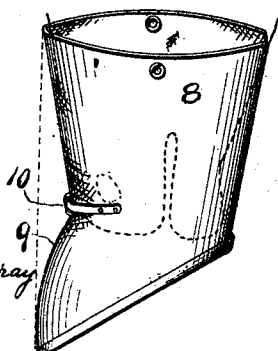
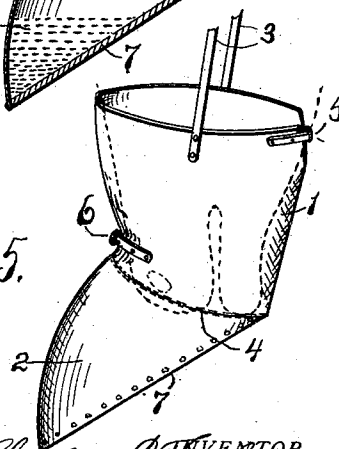


Fig. 5



WITNESSES:
E. J. Young
Linwood A. Murray

INVENTOR.
Charles E. Tomlinson
BY
Parsons Hall & Bodess
ATTORNEY.

UNITED STATES PATENT OFFICE.

CHARLES E. TOMLINSON, OF SYRACUSE, NEW YORK.

FEED-BAG.

980,026.

Specification of Letters Patent.

Patented Dec. 27, 1910.

Application filed June 23, 1909. Serial No. 503,904.

To all whom it may concern:

Be it known that I, CHARLES E. TOMLINSON, of Syracuse, in the county of Onondaga and State of New York, have invented a certain new and useful Feed-Bag, of which the following is a specification.

My invention has for its object the production of a feed bag for horses, or other animals, and it consists in the combinations and constructions hereinafter set forth and claimed.

In describing this invention, reference is had to the accompanying drawing in which like characters designate corresponding parts in all the views.

Figure 1 illustrates my feed bag upon the head of a horse, showing the positions assumed by the bag when the horse is chewing the feed, and also when he is obtaining a fresh mouthful. Fig. 2 is a perspective of the feed bag. Fig. 3 is a view similar to Fig. 1, the lower end of the bag being in section, and the position of the bag and the action of the feed therein when the horse is obtaining a fresh mouthful, being indicated in dotted lines. Fig. 4 is a plan of the feed bag. Fig. 5 is a perspective, showing my bag equipped with means for adjusting its neck to the nose and cheeks of the horse. Fig. 6 is a perspective of another form of my feed bag.

This bag comprises a neck or sleeve 1 which slips over and substantially fits the muzzle of the horse, and a pocket 2 carried at the lower end of the neck.

The neck is provided with a strap 3 which is looped over the head of the horse for holding the bag in position with the juncture of the neck and pocket substantially in line with the end of the horse's muzzle. Preferably, the lower edge 4 of the neck inclines downwardly and rearwardly. The neck is also provided with means, as straps or cords 5, 6 located, respectively, at the rear of the neck near its upper edge, and at the front of the neck near its lower edge for tightening the neck to the nose and cheeks of the horse, so that the neck or sleeve is held closely on the horse's muzzle, at two diagonally opposite portions thereof, and thus the horse cannot move or throw his head relatively to the bag. The holding of the bag at two diagonally opposite points is of advantage when the horse is elevating the bag to the upper position, Fig. 1, since the pocket

is held rigid with the head of the horse and movement of the jaws of the horse is not restricted.

The pocket 2 extends forwardly from the lower end of the neck and is provided with a substantially flat and comparatively stiff bottom 7, of greater width than the neck, inclining downwardly and forwardly, and the upper walls of the pocket meet the bottom at an acute angle. The top edges of the upper walls are inclined relatively to the bottom 7 and are secured to the inclined lower edge of the neck.

In operation the neck of the bag is placed on the head of the horse, and as the horse lifts his head and the bag therewith into the upper position, Fig. 1, the feed slides down the inclined bottom of the pocket into position where it can be scooped up by the lower lip and jaw of the horse. Having thus obtained a fresh mouthful, the horse returns his head to its natural or normal position to chew and swallow the feed. Other mouthfuls are obtained in the same way until there is no feed left in the bag.

In Fig. 6 is shown a bag having the neck or sleeve 8 and the upper walls 9 of the pocket made of one piece, the upright walls of the neck and pocket being normally straight, as indicated by the dotted line, and the pocket being formed by the tightening strap 10.

My feed bag is particularly advantageous as the horse can obtain all the feed in the bag but cannot throw the same out of the bag, and as the horse is free to move his head in any direction.

Although I have, for convenience, shown and described this feed bag as adapted for horses, it is obvious that it can be used for feeding any animal.

What I claim is:—

1. A feed bag comprising a tubular neck portion, means for adjusting the same to closely fit the muzzle of the horse, and a laterally extending pocket supported entirely from the lower end of the neck portion and provided with a substantially flat bottom inclined to the axis of the neck portion.

2. A feed bag comprising a tubular neck portion, means at the upper edge of the neck portion for securing the bag upon a horse's head, and a pocket extending downwardly and forwardly from the lower end of the

neck portion and supported entirely by the latter and forming an uninterrupted continuation thereof.

3. A feed bag comprising a tubular neck portion and a pocket having a fixed position respecting the neck portion and forming a downwardly and outwardly extending continuation thereof.

4. A feed bag comprising a tubular neck portion and an outwardly extending pocket in the form of a shoe including a substantially flat bottom and an upper part provided with an elliptical opening, the edge of the opening being connected throughout its entire extent to the lower edge of the neck portion.

5. A feed bag for horses comprising a neck for receiving the muzzle of a horse, and an outwardly extending pocket at the lower end of the neck, the pocket having a downwardly and forwardly inclined bottom and being connected throughout the entire extent of its upper edge to the neck in order to maintain the relative position of the pocket and the neck and to change the angle of the inclined bottom relatively to the earth during the movements of the horse's head, substantially as and for the purpose specified.

6. A feed bag for horses comprising a neck for receiving the muzzle of a horse, and a forwardly and downwardly extending feed receiving pocket at the lower end of the neck, the pocket having a downwardly and forwardly inclined bottom, substantially as and for the purpose described.

7. A feed bag for horses comprising a neck for receiving the muzzle of a horse, and an outwardly extending pocket at the lower end of the neck, the pocket having a downwardly and forwardly extending comparatively stiff bottom and being connected throughout the entire extent of its upper edge to the neck in order to maintain the relative position of the pocket and the neck and to change the angle of such stiff bottom relatively to the earth during the movements of the horse's head, substantially as and for the purpose specified.

8. A feed bag for horses comprising a neck for receiving the muzzle of a horse, and a forwardly and downwardly extending feed receiving pocket at the lower end of the neck, the pocket having an inclined comparatively stiff bottom, substantially as and for the purpose specified.

9. A feed bag for horses comprising a neck for receiving the muzzle of a horse, and an outwardly extending feed receiving pocket at the lower end of the neck, the pocket having an inclined bottom of greater width than the neck, substantially as and for the purpose described.

10. A feed bag for horses comprising a neck for receiving the muzzle of a horse, and a forwardly and downwardly extending feed

receiving pocket at the lower end of the neck, the pocket having an inclined bottom of greater width than the neck, substantially as and for the purpose set forth.

11. A feed bag for horses comprising a neck for receiving the muzzle of a horse, and an outwardly extending pocket at the lower end of the neck, upper walls of the pocket meeting the bottom thereof at an acute angle, substantially as and for the purpose specified.

12. A feed bag for horses comprising a neck for receiving the muzzle of a horse, and a forwardly and downwardly extending pocket at the lower end of the neck, upper walls of the pocket meeting the bottom thereof at an acute angle, substantially as and for the purpose described.

13. A feed bag for horses comprising a neck for receiving the muzzle of a horse, the neck having its lower edge inclined downwardly and rearwardly, and a forwardly and downwardly extending pocket secured to the lower edge of the neck, the pocket having a comparatively stiff bottom of greater width than the neck inclining downwardly and forwardly, upper walls of the pocket meeting the bottom at an acute angle, substantially as and for the purpose set forth.

14. A feed bag for horses comprising a neck for receiving the muzzle of a horse, a pocket at the lower end of the neck extending outwardly from the wall of the neck, and means for supporting the feed bag on the horse with the juncture of the neck and pocket substantially in line with the end of the horse's muzzle, substantially as and for the purpose specified.

15. A feed bag for horses comprising a neck for receiving the muzzle of a horse, the neck having its lower edge inclined downwardly and rearwardly, and a forwardly and downwardly extending pocket secured to the lower edge of the neck, the pocket having a comparatively stiff bottom of greater width than the neck inclining downwardly and forwardly, upper walls of the pocket meeting the bottom at an acute angle, and means for supporting the feed bag on the horse with the juncture of the neck and pocket substantially in line with the end of the horse's muzzle, substantially as and for the purpose described.

16. A feed bag for horses comprising a neck for receiving the muzzle of a horse, an outwardly extending pocket at the lower end of the neck, and means for adjusting the neck to the nose and cheeks of the horse, substantially as and for the purpose specified.

17. A feed bag for horses comprising a neck for receiving the muzzle of a horse, an outwardly extending pocket at the lower end of the neck, and means located at diagonally opposite portions of the neck for ad-

justing the neck to the nose and cheeks of the horse, substantially as and for the purpose described.

18. A feed bag for horses comprising a neck for receiving the muzzle of a horse, an outwardly extending pocket at the lower end of the neck, and means for adjusting the neck to the muzzle of the horse, said means including parts located at the front of the neck near its lower edge, and parts located at the rear of the neck near its upper edge, substantially as and for the purpose set forth.

19. A feed bag for horses comprising a neck for receiving the muzzle of a horse, the neck having its lower edge inclined downwardly and rearwardly, and a forwardly and downwardly extending pocket secured to the lower edge of the neck, the pocket having a comparatively stiff bottom of greater width than the neck inclining downwardly

and forwardly, upper walls of the pocket meeting the bottom at an acute angle, means for supporting the feed bag on the horse with the juncture of the neck and pocket substantially in line with the end of the horse's muzzle, and means for adjusting the neck to the muzzle of the horse, said means comprising parts located at the front of the neck near its lower edge, and parts located at the rear of the neck near its upper edge substantially as and for the purpose described.

In testimony whereof, I have hereunto signed my name in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga, in the State of New York, this 20th day of June, 1909.

CHARLES E. TOMLINSON.

Witnesses:

S. DAVIS,

E. K. SEEMILLER.